

WHAT IS CLAIMED IS:

1. A method of verifying at least one property of a manufactured batch of a semi-transparent wood stain that is produced using a selected formula, said method comprising
5 the steps of:

providing a spectrophotometer;

forming a standard batch of the wood stain using the selected formula;

adding a first set amount of a white colorant to the standard batch to form a
standard measurement batch;

10 forming a standard layer of the standard measurement batch on a first substrate
such that the standard layer completely hides the first substrate;

obtaining a test sample of the manufactured batch;

adding a second set amount of the white colorant to the test sample to form a test
measurement sample, wherein the proportion of the second set amount of the white
15 colorant to the test sample is substantially the same as the proportion of the first
amount of the white colorant to the standard batch;

forming a test layer of the test measurement sample on a second substrate such
that the test layer completely hides the second substrate;

obtaining reflectance measurements of the standard layer and the test layer using
20 the spectrophotometer; and

using the reflectance measurements to determine if the at least one property of
the manufactured batch is within an acceptable deviation range of at least one
property of the standard batch.

25 2. The method of claim 1, wherein the at least one property of the manufactured
batch of the semi-transparent wood stain is color.

3. The method of claim 1, wherein the at least one property of the manufactured
batch of the semi-transparent wood stain is tinting strength.